

with pores enough in the Air to transmit the greater part of it, and at another degree of obliquity should meet with nothing but parts to reflect it wholly, especially considering that in its passage out of Air into Glass, how oblique soever be its incidence, it finds pores enough in the Glass to transmit the greatest part of it. If any Man suppose that it is not reflected by the Air, but by the outmost superficial parts of the Glass, there is still the same difficulty: Besides, that such a Supposition is unintelligible, and will also appear to be false by applying Water behind some part of the Glass instead of Air. For so in a convenient obliquity of the rays suppose of 45 or 46 degrees, at which they are all reflected where the Air is adjacent to the Glass, they shall be in great measure transmitted where the Water is adjacent to it; which argues, that their reflexion or transmission depends on the constitution of the Air and Water behind the Glass, and not on the striking off the rays upon the parts of the Glass. Thirdly, If the Colours made by a Prism placed at the entrance of a beam of Light into a darkened room be successively cast on a second Prism placed at a greater distance from the former, in such manner that they are all alike incident upon it, the second Prism may be so inclined to the incident rays, that those which are of a blue Colour shall be all reflected by it, and yet those of a red Colour pretty copiously transmitted. Now if the reflexion be caused by the parts of Air or Glass, I would ask, why at the same obliquity of incidence the blue should wholly impinge on those parts so as to be all reflected, and yet the red find pores enough to be in great measure transmitted. Fourthly, where two Glasses touch one another,

another, there is in the first Observation the rays should much when contiguous to Air. bubble (in the reflexion and exhalation was such a little reflected from it, as round about the thicker, the reflexion Water seem very thickness of thin manifest reflexion continually greater variation the rays omitted at one thickness, for an index yet in the superficial of any one thickness rays to impinge on thickness. Sixthly, In reflecting Bodies, or Bubbles at the Colour and transmitting to the 13th not to be imagined for instance exhibit tune to dash upon a red to hit upon another place, whether or a little thinner,